Technologies to improve health have been developed in many ways, for example, from the creation of X-ray machines to a robot to perform high-precision surgeries; invention of instruments to support patients to have a better quality of life; as well as the treatment of data (signals and/or images) obtained from patients and predict any disease or support to make a better diagnosis, among many others. With that in mind, the aim of this special issue is to solicit original contributions in the following non-exclusive themes that are aligned with National Conference on Biomedical Engineering, CNIB 2018 conference:

- Medical signal and images processing
- Bioinstrumentation, biosensors, and micro/nano technologies
- Biomaterials and tissue engineering
- Biomechanics, rehabilitation, and prothesis
- Medical physics
- Modelling and simulation on biological and physiological systems
- Innovation and development of health technologies
- Clinic engineering and normativity

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Authors attended the 41th National Conference on Biomedical Engineering, CNIB 2018, http://somib.org.mx/cnib/ are invited to submit papers expanding their work presented at the conference. In addition, authors not attending CNIB 2018 are also invited to submit their work if it falls within the topic of the special issue. Only original and well-focused papers presenting previously unpublished work will be considered.

GUEST EDITORS:

Dora-Luz Flores, PhD  
Professor at Autonomous University of Baja California, Mexico  
Secretary at Mexican Society of Biomedical Engineering  
dflores@uabc.edu.mx, secretariado@somib.org.mx

Nelly Gordillo-Castillo, PhD  
Professor at Autonomous University of Juarez, Mexico  
Editor-in-chief of Mexican Journal of Biomedical Engineering  
nelly.gordillo@uacj.mx, rmib.somib@gmail.com

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For any further questions, please contact the Guest Editors or the Editor-in-Chief:

Prof. Luis Kun (Distinguished Professor Emeritus, William J Perry Center for Hemispheric Defense Studies, Washington, USA, email: hcii@aol.com)
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